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Officer the Paperwork Neudoctor Act of 1995, no persons are required to		Application Number	10/702,681		
TRANSMITT	AL	Filing Date	November 5, 2003		
FORM		First Named Inventor	Deborah A. RATHJEN		
(to be used for all correspondence after	initial filing)	Art Unit	1644		
(10 be based for all correspondence and	mad ming,	Examiner Name	C. Chan		
Total Number of Pages in This Submiss	ion 15	Attorney Docket Numb	er 273402602309		
ENCLOSURES (Check all that apply)					
Fee Transmittal Form	Drawing(s)		After Allowance Communication to Group		
Fee Attached	Licensing-rel	ated Papers	Appeal Communication to Board of Appeals and Interferences		
Amendment/Reply	Petition		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final	Petition to Co Provisional A		Proprietary Information		
Affidavits/declaration(s)	Power of Atto Change of Co	mey, Revocation rrespondence Address	Status Letter		
Extension of Time Request	Terminal Dis	claimer	X Other Enclosure(s) (please identify below):		
Express Abandonment Request	Request for	Refund	Form PTO-1449 - 11 pages		
X Information Disclosure Statement, Supplemental - 3 pages	CD, Number	of CD(s)			
Certified Copy of Priority Document(s)					
Response to Missing Parts/ Incomplete Application	Remarks				
Response to Missing Parts under 37 CFR 1.52 or 1.53					
	UDE OF ARRUS	ANT ATTORNEY OF	ACCNT		
		ANT, ATTORNEY, OF			
Firm MORRISON & FOE or Kimberly A. Bolin - 4		ustomer No. 25226)			
Signature					
Date July 15, 2004					
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an envelope addressed to: MS Amendmen shown below.	t, Commissioner for F	Patents, P.O. Box 1450, Al	exandria, VA 22313-1450, on the date		
Dated: 7/15/04	Signature: <u> </u>	iza	(Tia B. Zimmerman)		



PATENT Docket No. 273402602309 Client Reference: 501927

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Tia B. Zimmerman)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Deborah A. RATHJEN et al.

Serial No.:

10/702,681

Filing Date:

November 5, 2003

For:

TUMOUR NECROSIS FACTOR

BINDING LIGANDS

Examiner: C. Chan

Group Art Unit: 1644

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the co-pending related U.S. Patent Application No. 10/265,451, filed October 3, 2002. The present application is a continuation of U.S. Patent Application No. 10/453,176, filed June 6, 2003, which is a continuation of U.S. Patent Application No. 10/359,934, filed February 7, 2003, which is a continuation of U.S. Patent Application No. 10/327,541, filed

December 20, 2002, which is a continuation of U.S. Patent Application No. 10/265,451, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). If the Examiner requires additional copies of the documents, Applicants will be happy to provide them upon request. The Examiner is requested to make these documents of record in the application.

	This Su	pplemental Information Disclosure Statement is submitted:						
	With	the application; accordingly, no fee or separate requirements are required.						
	Befor	e the mailing of a first Office Action after the filing of a Request for Continued						
	Exam	ination under § 1.114.						
\boxtimes	Withi	Within three months of the application filing date or before mailing of a first Office						
	Action	n on the merits; accordingly, no fee or separate requirements are required.						
	After	receipt of a first Office Action on the merits but before mailing of a final Office						
	Actio	n or Notice of Allowance.						
		A fee is required. A check in the amount of is enclosed.						
		A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached						
		to this submission in duplicate.						
		A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee						
		is believed to be due.						
	After	mailing of a final Office Action or Notice of Allowance, but before payment of the						
	issue	fee.						
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the						
		amount of is enclosed.						
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal						
		form (PTO/SB/17 is attached to this submission in duplicate.)						

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

Serial No.: 10/702,681 Docket No.: 273402602309 The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 273402602309. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: July 15, 2004

Respectfully submitted,

By:

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Telephone: (650) 813-5740 Facsimile: (650) 494-0792

Serial No.: 10/702,681 Docket No.: 273402602309 JUL 1 5 2004

SUPPLEMENTAL NFORMATION

DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Application Number 10/702,681

Applicant

Deborah A. RATHJEN et al.

Filing Date November 5, 2003

Group Art Unit 1644

Mailing Date July 15, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	09/13/2001	2001/0021513	Puijk et al.			
	2.	03/13/2003	2003/0049256	Tobinick	Ì		
	3.	12/11/2003	2003/0228605	Slootstra et al.			
	4.	03/28/1989	4,816,567	Cabilly et al.			
	5.	09/05/1989	4,863,727	Zimmerman et al			
	6.	06/29/1993	5,223,395	Gero			
	7.	08/30/1994	5,342,613	Creaven et al.			
	8.	07/25/1995	5,436,154	Barbanti et al.			
	9.	04/09/1996	5,506,265	Blitstein-Willinger			
	10.	02/25/1997	5,605,690	Jacobs et al.			
	11.	08/05/1997	5,654,407	Boyle et al.			
	12.	08/19/1997	5,658,570	Newman et al.			
	13.	12/23/1997	5,700,788	Mongelli et al.			
·	14.	03/24/1998	5,730,975	Hotamisligil et al.			
	15.	04/21/1998	5,741,488	Feldman et al.			
	16.	05/12/1998	5,750,105	Newman et al.		-	
	17.	07/07/1998	5,776,947	Kroemer et al.			
	18.	03/30/1999	5,888,511	Skurkovich et al.			
	19.	09/28/1999	5,958,413	Anagnostopulos et al.			
•	20.	11/30/1999	5,993,833	DeLacharriere et al.			
	21.	11/30/1999	5,994,510	Adair et al.			
•	22.	01/18/2000	6,015,558	Hotamisligil et al.			
	23.	01/09/2001	6,172,202	Marcucci et al.			
	24.	02/20/2001	6,190,691	Mak			
	25.	02/27/2001	6,194,451	Alpegiani et al.			
	26.	07/16/2002	6,419,944	Tobinik			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

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Docket Number 273402602309	Application Number 10/702,681
Applicant	
Deborah	A. RATHJEN et al.
Filing Date November 5, 2003	Group Art Unit 1644
Mailing Date July 15, 2004	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Transl: YES	ation NO
	27.	04/28/1983	AU 89902/82	Australia				
	28.	02/19/1987	AU 61511/86	Australia				
•	29.	09/21/1989	AU 31252/89	Australia				
	30.	05/30/1991	AU 72626/91	Australia				
	31.	07/12/1989	EP 0 323 806	Europe				
	32.	10/30/1991	EP 0 453 898	Europe	· ·		Abstract	
	33.	11/11/1992	EP 0 512 528	Europe				
	34.	02/10/1993	EP 0 526 905	Europe			•	
	35.	03/09/1994	EP 0 585 705	Europe				
	36.	09/14/1994	EP 0 614 984	Europe				
	37.	07/26/1995	EP 0 663 836	Europe				
	38.	04/17/1996	EP 0 706 795	Europe				
	39.	09/02/1998	EP 0 861 850	Europe				
	40.	09/30/1998	EP 0 867 509	Europe				
	41.	10/07/1998	EP 0 869 179	Europe				
	42.	10/14/1998	EP 0 870 827	Europe				
	43.	03/07/1986	JP 61-047500	Japan			Abstract	
	44.	09/10/1990	JP 02-227095	Japan			Abstract	
	45.	06/18/1987	WO 87/03489	WIPO				
	46.	04/21/1988	WO 88/02632	WIPO				
•	47.	09/21/1989	WO 89/08460	WIPO				
	48.	10/19/1989	WO 89/09610	WIPO				
•	49.	01/25/1990	WO 90/00400	WIPO				
	50.	02/08/1990	WO 90/00902	WIPO				
	51.	03/08/1990	WO 90/01950	WIPO	!			
	52.	06/14/1990	WO 90/06514	WIPO				

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Form PTO-1449			Docket Number 27340260	2309	Application Nu	mber 10/702,68	1		
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Deborah A. RATHJEN et al.						
			Filing Date November 5, 2	2003	Group Art Unit	1644			
					Mailing Date July 15, 20	04	<u> </u>		
	53.	04/04/1991	WO 91/04054	WI	PO				
	54.	01/23/1992	WO 92/01059	WI	PO				
	55.	02/06/1992	WO 92/01472	WI	PO				
	56.	02/20/1992	WO 92/02190	WI	PO				
	57.	04/30/1992	WO 92/07076	WI	PO				
•	58.	07/09/1992	WO 92/11383	WI	PO				
	59.	08/06/1992	WO 92/13095	WI	PO				
•	60.	10/01/1992	WO 92/16553	WI	PO				
	61.	02/04/1993	WO 93/02108	WI	PO	(a			
	62.	06/10/1993	WO 93/11236	WI	PO				.==
	63.	04/28/1994	WO 94/08609	WI	PO				
	64.	04/28/1994	WO 94/08619	WI	PO				
	65.	11/19/1998	WO 98/51344	WI	PO				
	66.	10/26/2000	WO 00/62790	WI	PO				
			OTHE	R D	OCUMENTS	(includii	ng author, title, Da	ite, Pertinent Po	iges, Etc.)
Examiner Initials	Ref. No.	Title							•
	67.	Aderka, D. (Coagulopath	1991). "Role of Tumo y of Sepsis: Potential	or No Nev	ecrosis Factor in the law Therapeutic Implic	Pathogenes ations," <i>Isr</i>	is of Intravaso . J. Med. Sci.	cular 27:52-60.	
	68.	Production is 3523.	n Cultured Human M	onoc	s Lipopolysaccharide cytes, U937 Cells, and	d in Mice,"	J. Immunol.	143(11):351	17-
	69.	Aderka, D. e Inhibitors, T	t al. (1992). "The Po he Soluble-TNF Reco	ssible ptor	le Role of Tumor Nec s, In Autoimmune D	crosis Facto iseases," <i>Is</i>	or (TNF) and rael J. Med. S	Its Natural Sci., 28:126	-130.
	70.	Aggarwal, B.B. et al. eds. (1992). <u>Tumor Necrosis Factors: Structure, Function, and Mechanism of Action Marcel Dekker, Inc. NY pp. ix -xi. (Table of Contents Only.)</u>							
	71.	Alberts, B. et al. (1983). "How Cells Are Studied" Chapter 4 <i>In</i> Molecular Biology of the Cell Garland Publishing, Inc. pp. 182-183.							
	72.	Amit, A.G. et al. (1986). "Three-Dimensional Structure of an Antigen-Antibody Complex at 2.8 A Resolution," <i>Science</i> 233(4765):747-753.					8		
	73.	Anonymous (1997). "New Monoclonal Antibody Effective Treatment for Crohn's Disease Therap <i>Doctor's Guide</i> located at http://www.main.pslgroup.com last visited January 20, 2003, three pages.							
EXAMI	VER:				DATE CONSI	DERED:			
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SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Deborah A. RATHJEN et al.			
(U	se several sheets if necessary)	Filing Date November 5, 2003	Group Art Unit 1644		
		Mailing Date July 15, 2004			
74.	Multicenter Study," Neurology 53:457-465.				
75.	Antibody That Cross-Reacts with Hum Consequences of Trauma, Shock and S Germany (March 6-9, 1991) Abstract 1	ffinity Neutralizing Anti-Human TNF-Alpha Monoclonal man TNF-Beta," 2nd International Congress on the Immune Sepsis Mechanisms and Therapeutic Approaches Munich No. OR 37, one page.			
. 76.	Barbuto, J.A.M. et al. (1993). "Product Human Tumor-Infiltrating B Lymphoc Association For Cancer Research (Ma	cytes," Proceedings of the 84th A	Annual Meeting of theAmerican		
77.	Bard, F. et al. (2000). "Peripherally Administered Antibodies Against Amyloid B-Peptide Enter the Central Nervous System and Reduce Pathology in a Mouse Model of Alzheimer Disease," <i>Nature Medicine</i> 6(8):916-919.				
78.	Bazzoni, F. et al. (1996). "Seminars in Medicine of the Beth Isreal Hospital; Boston: The Tumor Necrosis Factor Ligand and Receptor Families," New England Journal of Medicine Flier, J.S. et al. eds. 334(26):1717-1725.				
79.	Beck, J. et al. (1987). "Increased Produ Immunobiology 175(1/2):91-92.	·			
80.	Beck, J. et al. (1988)."Increased Production of Interferon Gamma and Tumor Necrosis Factor Precedes Clinical Manifestation in Multiple Sclerosis: Do Cytokines Trigger Off Exacerbations," <i>Acta. Neurol. Scand.</i> 78:318-323.				
81.	Bendtzen, K. et al. (1989). "Native Inh 10(7):222.	nibitors (Autoantibodies) of IL-1	α and TNF," Immunolgy Today		
82.	Bendtzen, K. et al. (1990). "Auto-Anti Infectious and Immunoinflammatory I Cytokines Wiley-Liss, Inc. 10B:447-4	Disorders," In The Physiological			
83.	Beutler, B. et al. (1986). "Cachectin and Biological Coin," <i>Nature</i> 320:584-588	8.			
84.	Blundell, T. et al. (1988). "Knowledge 172:513-520. (K. Bolin email)				
85.	Borras, E. et al. (2002). "Findings on I Libraries," Journal of Immunological I	Methods 267:79-97.			
86.	6. Borrebaeck, C.A.K. ed. (1995). Antibody Engineering Second Edition, Oxford University Press, p:291.				
87.	87. Boyle, P. et al. (1993). "A Novel Monoclonal Human IgM Autoantibody Which Binds Recombined Human and Mouse Tumor Necrosis Factor-α," Cellular Immunology 152:556-568.				
88.	Boyle, P. et al. (1993). "The B5 Monoclonal Human Autoantibody Binds to Cell Surface TNFα on Human Lymphoid Cells and Cell Lines and Appears to Recognize a Novel Epitope," <i>Cellular Immunology</i> 152:569-581.				
EXAMINER:		DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.					

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	(Us	se several sheets if necessary)	Filing Date November 5, 2003	Group Art Unit 1644		
			Mailing Date July 15, 2004			
	89.	Braden, B. C. et al. (1995). "Structural Antigens," <i>FASEB J.</i> 9:9-16.				
	90.	Braden, B.C. et al. (1998). "Anatomy of and Mutational Studies of the Antilyso	zyme Antibody D1.3," Immunoi	l Rev. 163:45-57.		
	91.	Brockhaus, M. et al. (1990). "Identification Human Cell Lines by Monoclonal Anti-				
	92.	Brok, H.P.M. et al. (2002). "Prevention Marmosets Using an Anti-IL-12p40 M				
•	93.	Bruggemann, M. et al. (1989). "The Im 170:2153-2157.	nmunocenicity of Chimeric Anti	bodies," <i>J. Exp. Med.</i>		
	94.	Chaudhari, U. et al. (2001). "Efficacy a Psoriasis: A Randomised Trial," <i>Lance</i>		nerapy for Plaque-Type		
	95.	Clark, W.R. (1991). "Types of Antibody Reactions," <i>In</i> The Experimental Foundations of Modern Immunolgy, Fourth Edition, John Wiley & Sons, Inc.: New York, NY pp. 143-155.				
	96.	Colman, P. M. (1991). "Antigen-Antig	en Receptor Interactions," Curr.	Opin. Struct. Biol. 1:232-236.		
	97.	Colman, P.M. (1988). "Structure of Antibody-Antigen Complexes: Implications for Immune Recognition," <i>Adv Immunol.</i> 43:99-132.				
	98.	Colman, P.M. et al. (1987). "Three-Dimensional Structure of a Complex of Antibody with Influenza Virus Neuraminidase," <i>Nature</i> 326:358-363.				
	99.	Creasey, A.A. et al. (1987). "Biologica Its Novel Muteins on Tumor and Norm				
	100.	Creaven, P.J. et al. (1991). "Response the Am. Acad. Dermatol. 24:735-737.	to Tumor Necrosis Factor in Tw	o Cases of Psoriasis," J. of the		
	101.	Dall'Acqua, W. et al. (1998). "A Muta Antibody Protein-Protein Complex," B				
	102.	Davenport, C. et al. (1992). "Stimulation Monoclonal Antibody Production," FE				
	103.	Davies, D. R. et al. (1993). "Antibody	Structure," Acc. Chem. Res. 26:421-427.			
•	104.	Davies, D.R. et al. (1990). "Antibody-	Antigen Complexes," Annu Rev	Biochem. 59:439-473.		
	105.		nt of TNF in Limiting Liver Pathology and Promoting Parasite on," <i>International Journal for Parasitology</i> 34:27-36.			
	106.	Duncombe, A.S. et al. (1989). "Tumor Chronic Leukemia," J. Immunol. 3828-	r Necrosis Factor Mediates Autocrine Growth Inhibition in a 3-3834.			
	107.	Eck, M.J. et al. (1992). "The Structure Resolution," <i>The Journal of Biological</i>	e of Human Lymphotoxin (Tumor Necrosis Factor-β) at 1.9- Å al Chemistry 267(4):2119-2122.			
EXAMIN	VER:		DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.			ine through the citation if not in			

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	(Use several sheets if necessary)	Filing Date November 5, 2003	Group Art Unit 1644	
		Mailing Date July 15, 2004		
108.	Eck, S.L. et al. (1996). "Gene-Based T Therapeutics Goodman and Gilman ed	ds. Ninth Edition, The McGraw	Hill Companies pp 77-101.	
109.	Ede, N.J. (2002). "Multiple Parallel Sy Immunological Methods 267:3-11.			
110.	Edmundson, A. B. et al. (2001). "Bind Unusual Combining Site Structure," Jo	ournal of Molecular Recognition	14:229-238.	
· 111.	Elliott, M.J. et al. (1993). "Treatment of to Tumor Necrosis Factor α," Arthritis	s & Rheumatism 36(12):1681-16	90.	
. 112.	Exley, A.R. et al. (1989). "Monoclona Factor (rhTNF) in the Prophylaxis and Abstract 184, Clinical Science 76(S20	Treatment of Endotoxic Shock 0):50.	in Cynomolgus Monkeys,"	
113.	Companies, Inc., pg. 300.	Fauci, A.S. et al. ed. (1998). Harrison's Priniciples of Internal Medicine 14th Edition, McGraw Hil		
114.	Ferrieres, G. et al. (1998). "Human Ca and Prediction of Secondary Structure	", Clinical Chemistry 44(3):487	493.	
115.	Fiers, W. (1999). "Review: Tumor Nevivo Level," <i>FEBS Lett.</i> 285(2):199-23	12.		
116.	Folks, T.M. et al. (1989). "Tumor Nec Virus in a Chronically Infected T-Cell			
117.	Fong, Y. et al. (1990). "Tumor Necros Immunol. Immunopathol. 55:157-170.	is Factor in the Pathophysiology	of Infection and Sepsis," Clin.	
118.	Frank, R. (2002)." The SPOT-Synthes Prinicples and Applications," <i>Journal</i>			
119.	Garnier, J. et al. (1978). "Analysis of t Predicting the Secondary Structure of			
120.	GenBank Accession No. M32046 "Mouse Antibody Response to Group A Strptococcal Carbohydrate," created on April 27, 1993, located at http://www.ncbi.nlm.nih.gov last visited May 6, 2004.			
. 121.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
. 122.	Geysen, H. M. et al. (1986). "A Priori Delineation of a Peptide Which Mimics a Discontinuous Antigenic Determinant," Molecular Immunology 23(7):709-715.			
123.	Geysen, H. M. et al. (1988). "Cognitive Features of Continuous Antigenic Determinants," <i>Journal Molecular Recognition</i> 1(1):32-41.			
124.	Geysen, H.M. (1990). "Molecular Technology: Peptide Epitope Mapping and the Pin Technology," Southeast Asian J. Trop. Med. Public Health 21:523-533.			
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•	(Use several sheets if necessary)	Filing Date November 5, 2003	Group Art Unit 1644		
		Mailing Date July <u></u> 5, 2004			
125	Relevant Molecules," Bioorganic & M	ng Chemically Synthesized Peptide Libraries for Biologically- Medicinal Chemistry Letters 3:397-404.			
126	Gillies, S.D. et al. (1989). "High-Level Variable Region Cassettes," <i>J. Immuno</i>		odies Using Adapted cDNA		
127	Goh, C. (1990). "Tumour Necrosis Fac 19(2):235-239.	ctors in Clinical Practice," Anna.	ls of the Academy of Medicine		
. 128	Gomme, P.T. et al. (1999). "Evaluation Anti-h TSH Monoclonal Antibodies,"				
. 129	Gorman, S.D. et al. (1990). "Humanisa 2:457-466.	tion of Monoclonal Antibodies	for Therapy," Sem. Immunol.		
130		Granier, C. ed. (2002). "Special Issue on 'Methods of Parallel Peptide Synthesis and Their Contributions to Deciphering Molecular Interactions in the Immune System'," <i>Journal of Immunological Methods</i> 267:1-2			
131	Gray, P.W. et al. (1984). "Cloning and Expression of cDNA for Human Lymphotoxin, a Lymphokin with Tumour Necrosis Activity," <i>Nature</i> 312(20/27):721-724.				
132	Hahn, T. et al. (1985). "Use of Monoclonal Antibodies to a Human Cytotoxin For Its Isolation and For Examining the Self-Induction of Resistance to This Protein," <i>Proc. Natl. Acad. Sci. USA</i> 82:3814-3818.				
133	Harris, W.J. et al. (1993). "Therapeutic	Antibodies - The Coming of A	ge," <i>TIBTECH</i> 11:42-44.		
134	Hayashi, H. et al. (1985). "An Enzyme Tumor Necrosis Factor Using Monocle				
135	Herve, P. et al. (1990). "Monoclonal A in Humans," Abstract 3.25, Lymphoma		atment of Severe Acute GvHD		
136	Hird, V. et al. (1990). "Immunotherapy Cancer Carney, D. et al eds. John Wile		Chapter 17 In Genes and		
137	137. Ivanyi, J. (1982). "Study of Antigenic Structure and Inhibition of Activity of Human Growth Hormone and Chorionic Somatotropin by Monoclonal Antibodies," <i>Molecular Immunology</i> 19(12):1611-1618.				
. 138	138. Jacob, C.O. et al. (1988). "Tumour Necrosis Factor-α in Murine Autoimmune 'Lupus' Nephrit Nature 331:356-358.				
. 139	James, K. et al. (1987). "Human Mono Prospects," <i>Journal of Immunological</i>		errent Status and Future		
140.	Jarvis, C.D. et al. (1989). "Mouse Anti Immunology 143(12):4213-4220.	tibody Response to Group a Streptococcal Carbohydrate," J.			
141.	Kameyama, K-Z. et al. (1989). "Conve Mouse/Human Antibodies," FEBS Let		truction of Chimeric		
EXAMINER:		DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.					

Form PTO-1449		Docket Number 273402602309	Application Number 10/702,681	
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Deborah A. RATHJEN et al.		
(Use several sheets if necessary)		Filing Date November 5, 2003	Group Art Unit 1644	
		Mailing Date July 15, 2004		
142.	Kassiotis, G. et al. (2001). "Uncoupling the Proinflammatory From the Immunosuppressive Properties of Tumor Necrosis Factor (TNF) at the p55 TNF Receptor Level: Implications For Phathogenesis and Therapy of Autoimmune Demyelination," <i>J. Exp. Med.</i> 193(4):427-434.			
143.	Lassalle, P. et al. (1991). "Potential Im Allergy Appl. Immunol. 94:233-238.	ential Implication of Endothelial Cells in Bronchial Asthma," <i>Int. Arch</i> 3-238.		
. 144.	Laune, D. et al. (1997). "Systematic Exploration of the Antigen Binding Activity of Synthetic Peptides Isolated From the Variable Regions of Immunoglobulins," <i>The Journal of Biological Chemistry</i> 272(49):30937-30944.			
• 145.	Laune, D. et al. (2002). "Application of the Spot Method to the Identification of Peptides and Amino Acids from the Antibody Paratope That Contribute to Antigen Binding," <i>Journal of Immunological Methods</i> 267:53-70.			
146.	Lo Conte, L. et al. (1999). "The Atomic Structure of Protein-Protein Recognition Sites," <i>J Mol Biol</i> . 285:2177-2198.			
147.	Luettig, B. et al. (1989). "Evidence For The Existence of Two Forms of Membrane Tumor Necrosis Factor: An Integral Protein And A Molecule Attached To Its Receptor," <i>The Journal of Immunology</i> 143(12):4034-4038.			
148.		Mariuzza, R. A. et al. (1993). "The Basics of Binding: Mechanisms of Antigen Recognition and Mimicry by Antibodies," <i>Curr. Opin. Immunol.</i> 5:50-55. (Reply Brief - Appendix C5)		
149.	Mateo, C. et al. (2000). "Removal of Amphipathic Epitopes From Genetically Engineered Antibodies: Production of Modified Immunoglobulins with Reduced Immunogenicity," <i>Hybridoma</i> 19(6):463-471.			
150.	Mease, P.J. (2000). "Etanercept in the Treatment of Psoriatic Arthritis and Psoriasis: A Randomised Trial," <i>Lancet</i> 356:385-390.			
151.	Mulé, J.J. et al. (1990). "Antitumor Activity of Recombinant Interleukin 6 in Mice," <i>The Journal of Experimental Medicine</i> 171:629-636.			
152.	Nedwin, G.E. et al. (1985). "Human Lymphotoxin and Tumor Necrosis Factor Genes: Structure, Homology and Chromosomal Localization," <i>Nucleic Acids Research</i> 13(17):6361-6373.			
153.	Oh, C.J. et al. (2000). "Treatment with Anti-Tumor Necrosis Factor-α (TNF-α) Monoclonal Antibody Dramatically Decreases the Clinical Activity of Psoriasis Lesions," J. of the Am. Acad. Dermatol. 42:829-830.			
• 154.	Oliff, A. et al. (1987). "Tumors Secreting Human TNF/Cachectin Induce Cachexia in Mice," <i>Cell</i> 50:555-563.			
. 155.	Omulecki, A. et al. (1996). "Is Pentoxifylline Effective in the Treatment of Psoriasis," J. of the Am. Acad. Dermatol. 34(4):714-715.			
156.	Orkin, S.H. et al. (1995). "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy," NIH 29 pages.			
EXAMINER:		DATE CONSIDERED:		
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.				

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 		Filing Date November 5, 2003	Group Art Unit 1644		
			Mailing Date July 5, 2004		
					
	157.	Immunotherapy," Immunol. Today 11(in the Investigational Study and Clinical Use of Cancer (6):193-195.		
	158.	Richards, F.M. et al. eds., Academic Pr	ography of Antibodies" In Advances in Protein Chemistry ress 49:57-133.		
	159.	HyHEL-10 Fab-lysozyme Complex," I	of an Antibody-Antigen Complex: Crystal Structure of the Proc Natl Acad Sci USA 86(15):5938-5942.		
	160.		dge, W.M. (1994). "New Approaches to Drug Delivery Through the Blood-Brain Barrier," act, <i>Trends in Biotechnology</i> 12:239-245.		
•	161.	Parrillo, J. E. (1993). "Pathogenetic Mechanisms of Septic Shock," NE journal of Medicine, 328(20):1471-1477.			
	162.	Partsch, G. et al. (1998). "Upregulation of Cytokine Receptors sTNF-R55, sTNF-R75, and sIL-2R in Psoriatic Arthritis Synovial Fluid," <i>J. Rheumatol.</i> 25:105-110.			
	163.	Paul, W.E. ed. (1993). "Immunoglobulins: Structure and Function" Chapter 9 In Fundamental Immunology, Third Edition, Raven Press Ltd. New York pp: 292-293.			
	164.	Paulus, H. (1985). "Preparation and Biomedical Applications of Bispecific Antibodies," <i>Behring Inst. Mitt.</i> 78:118-132.			
	165.	Pennington, J. (1992). "TNF: Therapeutic Target in Patients with Sepsis," ASM News, 58(9): 479-482.			
	166.	Petersen, C.M. et al. (1989). "Bioactive Human Recombinant Tumor Necrosis Factor-α: An Unstable Dimer?" Eur. J. Immunol. 19:1887-1894.			
	167.	Poljak, R.J. (1991). "Structure of Antibodies and Their Complexes with Antigens," <i>Mol Immunol</i> . 28(12):1341-1345.			
	168.	Potter, R. (1993). "Enzon Lines Up 11 New Alliances in a Busy Year," Biotechnology 11:432-433.			
	169.	Radford, A.J. et al. (1990). "Epitope Mapping of the <i>Mycobacterium bovis</i> Secretory Protein MPB70 Using Overlapping Peptide Analysis," <i>J. Gen. Microbiol.</i> 136:265-272.			
1	170.	Reed, C et al. (1997). "Crystal Structure of TNF-Alpha Mutant R31D with Greater Affinity for Receptor R1 Compared with R2," <i>Protein Eng.</i> 10(10):1101-1107.			
	171.	Reineke, U. (2004)."Antibody Epitope Mapping Using Arrays of Synthetic Peptides" Chapter 26 In Methods in Molecular Biology: Antibody Engineering - Methods and Protocols Lo, B.K.C. ed. Humana Press, Inc.: Totowa, NJ, Vol. 248 pp. 443-463.			
•	172.	Reineke, U. et al. (1999). "Antigen Sequence- and Library-Based Mapping of Linear and Discontinuous Protein-Protein-Interaction Sites by Spot Synthesis," Current Topics in Microbiology and Immunology 243:23-36.			
	173.	Reineke, U. et al. (2001). "Applications of Peptide Arrays Prepared by the SPOT-Technology," Current Opinion in Biotechnology 12:59-64.			
EXAMINER:		DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.					

Form PTO-1449		Docket Number 2/3402002309	Application Number 10/702,081	
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(Use several sheets if necessary)		Filing Date November 5, 2003	Group Art Unit 1644	
		Mailing Date July 15, 2004		
17	4. Rhein, R. (October 4, 1993). "Another Newswatch, two pages.	Rhein, R. (October 4, 1993). "Another Sepsis Drug Down-Immunex' TNF Receptor," <i>Biotechnology Newswatch</i> , two pages.		
17	5. Rodda, S.J. (2002). "Peptide Libraries Immunological Methods 267:71-77.	ide Libraries for T Cell Epitope Screening and Characterization," <i>Journal of</i> 267:71-77.		
17	6. Sagawa, Y. et al. (1993)."Is Sustained Development of Pustular Psoriasis?"	stained Production of Tumor Necrosis Factor-α Relevant to the lasis?" Dermatology 187:81-83.		
. 17	Sayle, R.A. et al. (1995). "RasMol: Biomolecular Graphics For All," <i>Trends in Biochemical Science</i> (TIBS) 20(9):374-376.			
. 17	Activated Protein Kinase Activation b 271(14):8089-8094.	Schwenger, P. et al. (1996). "Inhibition of Tumor Necrosis Factor-Induced p42/p44 Mitogen Activated Protein Kinase Activation by Sodium Salicylate," <i>The Journal of Biological Chemistry</i> 271(14):8089-8094.		
17	Factor α Inhibitor," The Journal of Bio	Seckinger, P. et al. (1989). "Purification and Biologic Characterization of a Specific Tumor Necrosis Factor α Inhibitor," <i>The Journal of Biological Chemistry</i> 264(20):11966-11973.		
18		Selmaj, K. et al. (1987). "Tumor Necrosis Factor Mediates Myelin Damage in Organotypic Cultures of Nervous Tissue," Abstract, <i>Journal of Neuroimmunology</i> 16(1):159.		
18	Demyelination," Ann. Neurol. 30:694	Selmaj, K. et al. (1991). "Anti-Tumor Necrosis Factor Therapy Abrogates Autoimmune Demyelination," <i>Ann. Neurol.</i> 30:694-700.		
18	2. Sheriff, S. et al. (1987). "Three-Dime <i>Acad Sci U S A</i> . 84(22):8075-8079.	Sheriff, S. et al. (1987). "Three-Dimensional Structure of an Antibody-Antigen Complex," <i>Proc Natl Acad Sci U S A</i> . 84(22):8075-8079.		
18	in Vitro and Protects Transgenic Mice 25.			
18	4. Simpson, S.Q. et al. (1989). "Role of Critical Care Clinics 5(1):27-47.	Simpson, S.Q. et al. (1989). "Role of Tumor Necrosis Factor in Sepsis and Acute Lung Injury,"		
18	Escherichia coli Infection and Lethal 145(12):4185-4191.			
18	Necrosis Factor α and its Antibodies U 109:203-214.			
18	and Epitopes," Int. Rev. Immunol. 7:1	Tainer, J.A. et al. (1991). "Defining Antibody-Antigen Recognition: Towards Engineered Antibodies and Epitopes," <i>Int. Rev. Immunol.</i> 7:165-188.		
18	Targan, S.R. et al. (1997). "A Short-Term Study of Chimeric Monoclonal Antibody cA2 to Tumor Necrosis Factor α For Crohn's Disease," <i>New England Journal of Medicine</i> 337(15):1029-1035.			
18	9. Trentham, D.E. (1991). "Immunothers Rheumatology 3:369-372.	Trentham, D.E. (1991). "Immunotherapy and Other Novel Therapies," Current Opinion in Rheumatology 3:369-372.		
EXAMINER:		DATE CONSIDERED:		
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.				

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(Use several sheets if necessary)		Filing Date November 5, 2003	Group Art Unit 1644
		Mailing Date July 5, 2004	
190.	Tribbick, G. (2002). "Multipin Peptide Libraries for Antibody and Receptor Epitope Screening and Characterization," <i>Journal of Immunological Methods</i> 267:27-35.		
191.	Balb/c Mice. Specificity and V _H and V	clonal Anti-H1 Histone Autoantibodies From Unimmunized L Domain Sequences," <i>Journal of Autoimmunity</i> 7:291-320.	
192.	Van Oosten, B.W. et al. (1996). "Increased MRI Activity and Immune Activation in Two Multiple Sclerosis Patients Treated with the Monoclonal Anti-Tumor Necrosis Factor Antibody cA2," Neurology 47:1531-1534.		
193.	Van Oosten, B.W. et al. (1997). "Treatment of Multiple Sclerosis with the Monoclonal Anti-CD4 An tibody cM-T412: Results of a Randomized, Double-Blind, Placebo-Controlled, MR-Monitored Phase II Trial," Abstract, <i>Neurology</i> 49(2):351-357.		
194.	Van Ostade, X. et al. (1991). "Localization of the Active Site of Human Tumour Necrosis Factor (hTNF) by Mutational Analysis," <i>The EMBO Journal</i> 10(4):827-836.		
195.	Van Ostade, X. et al. (1993). "Human TNF Mutants With Selective Activity on the p55 Receptor," <i>Nature</i> 361:266-269.		
196.	Verhoef, J. et al. (1990). "Prospects for Monoclonal Antibodies in the Diagnosis and Treatment of Bacterial Infections," Eur. J. Clin. Microbiol. Infect. Dis. 9(4): 247-250.		
197.	Verma, I.M. et al. (1997). "Gene TherapyPromises, Problems and Prospects," Nature 389:239-242.		
198.	Vilcek, J. (1998). "The Cytokines: An Overview" Chapter 1 In The Cytokine Handbook Third Edition Academic Press Ltd., pp. 1-20.		
199.	Walker, R.E. (1996.) "Inhibition of Immunoreactive Tumor Necrosis Factor-Alpha by a Chimeric Antibody in Patients Infected with Human Immunodeficiency Virus Type 1," <i>Journal of Infect. Dis.</i> 174(1):63-68.		
200.	Ware, C.F. et al. (1998). "Tumor Necrosis Factor-Related Ligands and Receptors" Chapter 20 In The Cytokine Handbook Third Edition Academic Press Ltd. pp. 549-592.		
201.	Whittle, N. et al. (1989). "Construction and Expression of a CDR-Grafter Anti-TNF Antibody," Abstract A342, J. Cell Biochem. Supl. 13A:96.		
202.	Wilson, I.A. et al. (1993). "Antibody-Antigen Interactions," Current Opinion in Structural Biology 3:113-118.		
203.	Yamagishi, J-i. et al. (1990). "Mutational Analysis of Structure - Activity Relationships in Human Tumor Necrosis Factor-Alpha," <i>Prot. Eng.</i> 3(8):713-719.		
204.	Yan, L. et al. (1991). "Preparation and Characterization of Monoclonal Antibodies Against Recombinant Human Tumor Necrosis Factor Alpha," Chinese J. of Biotechnology 7(2):121-126.		
205.	Zhang, M. et al. (1998). "Tumor Necrosis Factor" Chapter 19 In The Cytokine Handbook Third Edition Academic Press Ltd., pp. 517-547.		
EXAMINER:		DATE CONSIDERED:	
	ial if citation considered, whether or not the citation to considered. Include a copy of this form with no		ine through the citation if not in